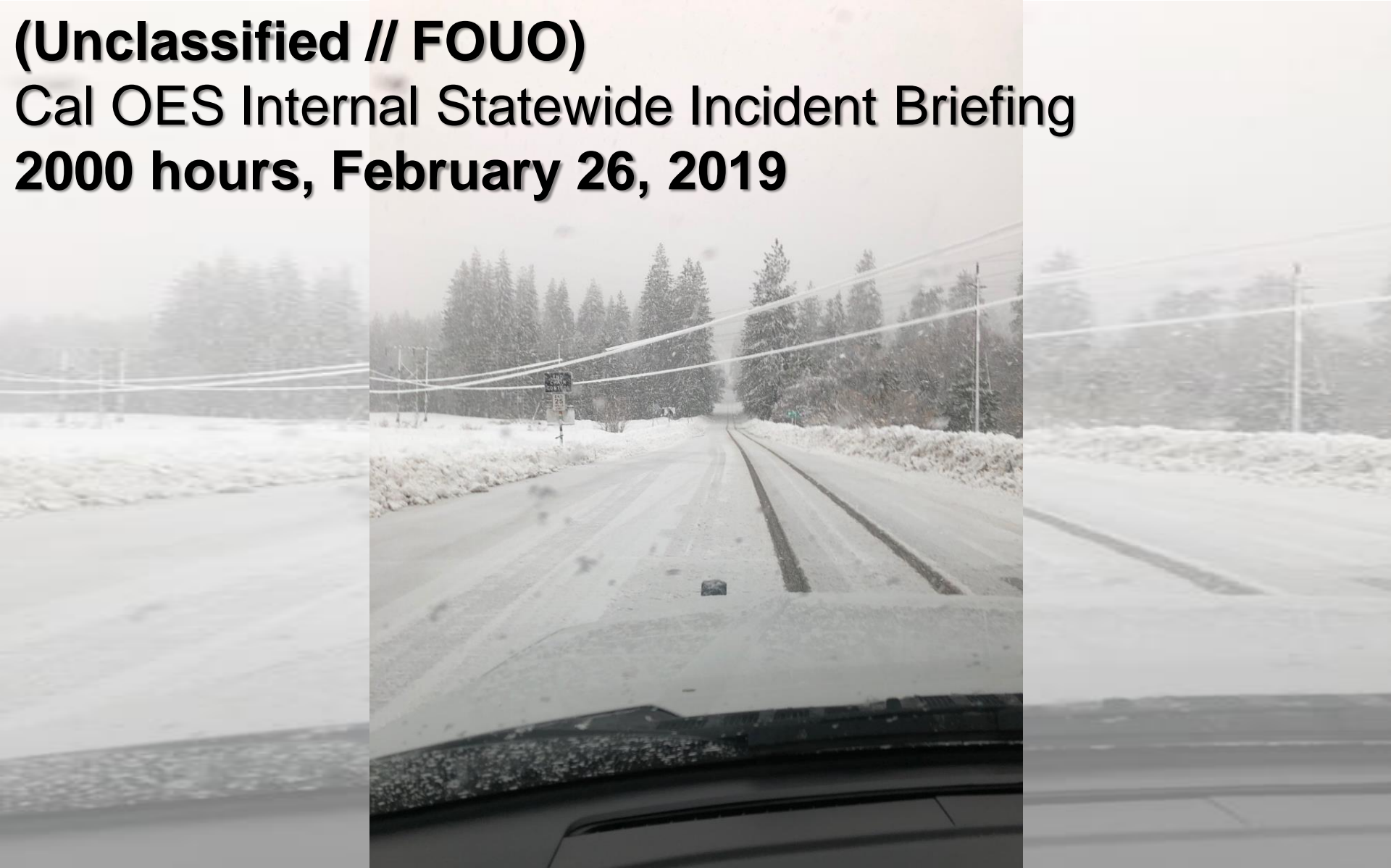


(Unclassified // FOUO)

Cal OES Internal Statewide Incident Briefing

2000 hours, February 26, 2019



State Route 20 was closed from Nevada City to the Interstate 80 junction due to low hanging power lines.

Photo Credit: Caltrans District 3 // Twitter

Duty Officer	
EDO	Eric Lamoureux
CSWC Watch Officer	Michael Duddy (Day) Art Arquero (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	David Stone
LDO	Eric Broughton Ron Quigley (Shadow)
IDO	Lindsey Stanley
CDO	Adam Amaral
SDO	Karla Benedicto
PIO	Kelly Huston
TDO	Chad Stokes
ITDO	Mark Swart
EQTP	Ryan Arba
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



Unclassified // FOUO

24 Hour STAC Report

- Report Attached

SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Normal Operations	Level 3	Level 3	Normal Operations

January and February Winter Storms

Proclamations

- The Governor of California has submitted a Proclamation, declaring a State of Emergency in counties across California due to Winter Storms.
- Tehama County has submitted a Proclamation due to the Late February Winter Storm Even. No requests for assistance at this time.

Cal OES INLAND REGION

- See Late February Winter Storms Slides

Cal OES COASTAL REGION

- See Late February Winter Storms Slides

Cal OES SOUTHERN REGION

- See Late February Winter Storms Slides

SITUATION SUMMARY

Late February Winter Storms

- An atmospheric river will affect California starting Monday 02/25/19 and will continue through Thursday 02/28/19. A concern exists for impacts to burn scars, debris flows, and main stem river systems due to increase of precipitation. The heaviest rain will fall over northern CA Monday and Tuesday and over central CA Tuesday and Wednesday. There is a flood potential for small rivers, creeks, and low-lying areas beginning 02/27/19. See River Forecasts and Flooding for specific rivers and locations.
- Cal OES Duty Officers are monitoring weather and maintaining close contact with their Operational Areas (OAs).
- The Department of Water Resources (DWR) will provide an update after their 1000 hour conference call.

Activations

- PG&E currently has 12 Operations Emergency Centers (OEC) activated in support of the restoration efforts.
- Incident Support Team (IST) members are on stand-by, should the State Operations Center (SOC) activation become necessary.
- Department of Water Resources (DWR), Flood Operation Center (FOC) activated the afternoon of 02/25/19 through 1600 hours.
 - Operational period:
 - 02/26/19 through 02/28/19, 0700 - 2200 hours
 - Duty Officer status after hours
 - Staffing on Friday, 03/01/19, will be re-evaluated this week.
- **Coastal Region**
 - Coastal REOC has activated to Level 3 (Lowest) on 02/26/19 at 0800 hours.
 - A Shift: 0700 -1900
 - B Shift: 1900 - 0700
 - Sonoma County Emergency Operations Center (EOC) is activated at Level 2 from 0800 to 1700 on 02/26/19. The OA will be activated for a B Shift from 1800-0600 at an activation Level 2 and will move to a Level 1 activation at 0600 on 02/27/19.
 - Marin County EOC is activated at Level 3 at 0500 hours on 02/26/19. They will remain activated until 0000 on 02/27/19.
- **Inland Region**
 - Inland REOC has activated to Level 3 (Lowest) on 02/26/19 at 0800 hours.
 - A Shift: 0800 -1900
 - B Shift: 1900 - 0700
 - Glenn County EOC has activated to Level 1 (Lowest) on 02/26/19 at 0800 hours.

SITUATION SUMMARY

Late February Winter Storms (Continued)

Deployments

- Coastal Region
 - 1 Cal OES Coastal Region Emergency Services Coordinator (ESC) is deployed to the DWR Flood Operations Center 2/26/19 through 2/28/19, operational period 0700-1900 hours.
 - 1 Cal OES Coastal Region ESC assigned to Sonoma County EOC
 - 1 Cal OES Coastal Regional Administrator deployed to the CREOC
 - 1 Cal OES Coastal Deputy Regional Administrator deployed to the CREOC
 - 3 Cal OES Coastal Region ESCs deployed to the CREOC
 - 1 Cal OES Coastal Region ESC assigned as A Rep to Marin County EOC
 - 3 Cal OES Coastal Region ESC are pre-deployed in Mendocino County and Humboldt County

Department of Water Resources (DWR)

- The next series of storms have begun moving across most of northern California this morning and is expected to last through Wednesday morning. Precipitation is expected to be heaviest Monday and Tuesday nights, with 2" to 6" through most of the region north of the I-80 corridor, with up to 12" possible locally in the foothills.
- Several reservoirs may make flood control releases starting today, 02/26/19.
- The Sacramento Maintenance Yard will monitor Cache Creek and other area levees they are responsible for.
 - Currently they have sufficient staff and materials.
- The Sutter Maintenance Yard will monitor Sacramento River, Cherokee Canal, MA17 Lake County and Butte Creek.
 - No requests for additional resources at this time.
- The Russian River basin is receiving more intense precipitation than in 2017. Flooding may persist until Thursday with Guernville cresting around 45 feet.
- The FOC has made the following high water notification calls, and will continue to make calls as needed.
 - Sacramento River at Hamilton City and Vina Woodson Bridge
 - Feather River at Nicolaus
 - Cache Creek at Rumsey Yolo
- DWR staff has been deployed to Hamilton City to evaluate the J Levee erosion and provide technical assistance.

Proclamations

- Glenn County has submitted a Proclamation due to the Late February Winter Storm Event. No requests for assistance at this time.
- Sonoma County submitted Local Emergency Proclamation and signed Resolution of the Board of Supervisors due to the 2019 Winter Storms and Flooding.

SITUATION SUMMARY

Late February Winter Storms (Continued)

Evacuations

Mandatory Evacuations

- Sonoma County has issued an mandatory evacuations for Individuals living near the Russian River near Guerneville.
 - Asti, Bailhache, Chianti, Guerneville, Guernewood, Guernewood Park, Hacienda, Jenner, Jimtown, Korbel, Lytton, Northwood, Northwood Lodge, Rio Del, Roland, Sheridan, Duncans Mills, El Bonita, Mirabel Heights, Mirabel Park, Monte Rio, Montesano, Summerhome Park, Vacation Beach, Wilson Grove
 - 25 homes are being evacuated in Hidden Valley – the shelter location is currently unknown at this time.

Road Closures

Lifeline Routes

- **Del Norte County:** US 101 is closed from 10.6 miles south to 10.4 miles south of Crescent City. Reopened to 1-way controlled traffic.
- **Placer County:** I-80 is closed from 1 miles east of Baxter, Placer County to the Nevada State Line.

Non-Lifeline Closures Due to Slides

- Trinity County: SR 36 is closed three miles west of Forest Glen due to a slide. Estimated time of reopening: Unknown
- Nevada County: SR 49 is closed from Newtown Road to Birchville Road due to a slide. [Has reopened as of 1012 on 02/26/19.](#)

Shelters

- Severe Weather Emergency Shelter (SWES), 3240 Kerner Blvd., Marin County – Open at 1900
 - Homeless shelter only
 - Capacity: 80
- Sebastopol Center for the Arts, 282 S High St, Sebastopol, Sonoma County – Open at 1500 on 02/26/19
 - Pets accepted
 - Capacity 100
- Sonoma County Fairgrounds Grace Pavilion, 1350 Bennett Valley Rd, Santa Rosa, Sonoma County – Open at 1700 on 02/26/19
 - For evacuation of clients currently at Guerneville Veterans War Memorial Winter Shelter

Critical Infrastructure

As of 1605 hours on 02/26/19, CUEA confirmed that PG&E has 6,713 customers impacted.



SITUATION SUMMARY

Late February Winter Storms (Continued)

School Closures

- Marin County
 - Bolians-Stinson Union School District (K-8)
 - Shoreline Unified School District
- Sonoma County
 - Alexander Valley Union School District
 - Geyserville Unified School District
 - Guerneville School District
 - Harmony School District
 - Monte Rio School District
 - Montgomery Elementary School District

Missions

- 2019-LAW-58135: Sonoma County requested High Water Vehicles (Coordinating)

California/Nevada River Forecasts

Many rivers across the state are currently at monitoring and flood stages. For River Forecast Guidance, please visit <http://www.cnrfc.noaa.gov/>

Inland Region

The following rivers are forecast to meet or exceed Danger Stage:

- **Yolo County:** Cache Creek at Yolo forecast to be above danger stage at 83 feet at approximately the afternoon of 02/27/19.
 - Overflow is expected on the non-leveed south bank, upstream from the start of the south-side levee. Water begins moving southeast toward the city of Woodland. Target elevation is subject to change slightly as additional data are acquired.

SITUATION SUMMARY

Late February Winter Storms (Continued)

California/Nevada River Forecasts (Continued)

Inland Region (Continued)

The following rivers are forecast to meet or exceed **Flood stage**:

- **Yolo County:** Cache Creek at Rumsey forecast to be above flood stage at 15.2 feet at approximately the morning of 02/27/19.
 - Cache Creek leaves its banks flooding low lying orchards and farm land around the creek.
- **Tehama County:** Sacramento River at Tehama Bridge forecast to be above flood stage at 216.2 feet at approximately the morning of 02/27/19.
 - Between 213.0 and 214.0 Feet the county park becomes inaccessible. Lower trailer park slots (temporary slots) start to flood.
- **Tehama County:** Sacramento River at Vina Woodson Bridge forecast to be above flood stage at 184.5 feet at approximately the afternoon of 02/27/19.
 - South Avenue start to flood east of the river.
- **Glenn County:** Sacramento River at Ord Ferry forecast to be above flood stage at 115.6 feet at approximately the morning of 02/28/19.
 - Designated flood stage. Design overflow level for M&T, 3BS and Goose Lake Flood Control facilities to divert flood flows into Butte Basin. M&T overflows closing River Road from Ord Ferry Road to Chico River Road. Ord Ferry Road is already closed.

The following rivers are forecast to meet or exceed **Monitor Stage**:

- **Solano County:** Sacramento River at Rio Vista
- **Tehama County:** Sacramento River at Bend Bridge, Sacramento River at Red Bluff
- **Glenn County:** Sacramento River at Hamilton City, Sacramento River at Butte City
- **Colusa County:** Sacramento River at Moulton Weir, Sacramento River at Colusa Weir, Sacramento River at Colusa Bridge
- **Yuba County:** Yuba River at Marysville
- **Sutter County:** Sacramento River at Tisdale Weir, Feather River at Nicolaus, Sacramento River at Fremont Weir
- **Placer County:** Bear River at Wheatland
- **Yolo County:** Sacramento River at Fremont Weir, Yolo Bypass at Lisbon
- **Sacramento County:** Sacramento River at Sacramento At I Street, Cosumnes River at Michigan Bar, Cosumnes River at McConnell, Mokelumne River at Benson's Ferry
- **Merced County:** Merced River at Stevinson

SITUATION SUMMARY

Late February Winter Storms (Continued)

California/Nevada River Forecasts (Continued)

Coastal Region

The following rivers are forecast to meet or exceed Flood stage:

- **Humboldt County:** Eel River at Fernbridge forecast to be above flood stage at 24.7 feet at approximately the afternoon of 02/27/19.
 - Minor flooding of Highway 211 to Ferndale south of Fernbridge. Much of the Eel Delta may be flooded, including areas northwest of Loleta, the western portion of Cannibal Island Road. Flooding will be enhanced for longer duration events. A Special Action Advisory is being issued to all owners of livestock in areas adjacent to the Eel River and other low-lying areas. These animals are at risk due to river rises and appropriate action should be considered.
- **Mendocino County:** Navarro River at Navarro forecast to be above flood stage at 33.0 feet at approximately the morning of 02/27/19.
 - Water will flow over the south bank of the river approximately 1 mile east of Highway 1, and begin to flood property in this area including six homes. Expect closure of Highway 128. Motorists should use alternate routes.
- **Mendocino County:** Russian River at Hopland is forecast to be above flood stage at 24.1 feet at approximately the morning of 02/27/19.
 - Flooding of low-lying structures and farm land in the Hopland, Ukiah, and Talmage areas. Many secondary roads may also be flooded. Severe bank erosion is possible.
- **Lake County:** Clear Lake at Lakeport is forecast to be above flood state at 9.6 feet at approximately the morning of 03/01/19.
 - Low lying structures and some main roads around the lake are threatened by the high lake levels.
- **Sonoma County:** Russian River at Healdsburg forecast to be above flood stage at 25.0 feet at approximately the morning of 02/27/19.
 - Minor flooding continues. Low-lying areas south of US 101 begin to flood.
- **Sonoma County:** Russian River at Guerneville forecast to be above flood stage at 41.6 feet at approximately the evening of 02/27/19.
 - In Guerneville, River Road closed. In Monte Rio, the main intersections flood. Monte Rio Elementary School begins to flood.
- **Napa County:** Napa River at Saint Helena is forecast to be above flood state at 19.2 feet at approximately the afternoon of 02/27/19.
 - Flood Stage. Minor flooding of low lying agricultural areas along river begins. Low lying rural residential areas immediately adjacent to the river and some secondary roads affected.
- **Napa County:** Napa River at Napa forecast to be above flood stage at 26.2 feet at approximately the morning of 02/27/19.
 - In the city of Napa, flow begins to leave the Napa River channel in the South Coombs area (north of Imola Avenue) and the south oxbow (near Taylor Street). Crop losses and erosion damage become serious. Moderate flood damage in lower parts of urban areas along the reach. Transportation in the Napa Valley becoming difficult. The flood of 2/3/1998 measured 26.72 feet.

The following rivers are forecast to meet or exceed Monitor Stage:

- **Monterey County:** Carmel River at Robles Del Rio
- **Del Norte County:** Klamath River at Klamath
- **Humboldt County:** South Fork Eel River at Miranda, Eel River at Scotia, Mad River at Arcata, Van Duzen River at Bridgeville

FIRE ACTIVITY

Cal OES Fire Preparedness Levels

National	Northern California	Southern California
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2

Please note: The National and Regional Preparedness Levels are maintained by the National Multi-Agency Coordination (MAC) Group and are separate from Cal OES activation levels.

Prepositioning of Resources

- Cal OES Fire and Rescue staff are prepared to coordinate with local Operational Areas (counties) to preposition fire apparatus and personnel to augment local resources in preparation for the current weather/Mud and Debris Flow event.

Cal OES EMAC Missions

- **2018-SOC-56344:** California requested Public Assistance Coordinators to assume the role of Program Delivery Managers (PDMG) and assist Cal OES with utilizing FEMA's program delivery system.
 - 2 Public Assistance Coordinators from Louisiana are on-scene providing support in Northern California.
 - 2 Public Assistance Coordinators from Louisiana are on-scene providing support in Southern California.

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures		
Northern California	Central California	Southern California
No Lifeline Route Closures	Lifeline Route Closures	No Lifeline Route Closures

Lifeline Routes:

- See Late February Winter Storms Slides

Non-Lifeline Routes:

- Click [here](#) for a list of current road closures.

Wildfire Closures:

- There are no wildfire closures.

Emergency Center Activations:

- There are no emergency center activations.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

<http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr>



Click on the Caltrans Logo to check
current Hwy. conditions.
You can also call 1-800-427-7623 for
current Hwy. conditions.



CALIFORNIA 911 SYSTEM

CA 911 Outages		
Northern California	Central California	Southern California
911 Outage	No 911 Outages	No 911 Outages

911 Outages/Remote/Community Isolations:

Central Office Isolation, Sierra City, Sierra County (Update)

On 02/26/19 at 1224 hours, the CSWC was notified of an isolation in Sierra City in Sierra County. ATT reported the community of Sierra City went into isolation and is unable to make 911 landline calls due to a Central Office failure.

- AT&T reported the community of Sierra City in Sierra County, is in isolation and is unable to make 911 landline calls due to a Fiber Optic Cable Cut.
- Sierra County Sheriff is the jurisdiction affected.
- Wireless calls are not impacted.
- A construction crew has been assigned but the mudslide is affecting the crews ability to repair the Fiber Cut. Unknown at this time.
- Approx. 538 wireline calls are unable to make 911 calls.
- The estimated time of restoral is unknown due to accessibility being impacted by a mudslide.
- Updates will be provided as they become available.

Service Interruptions:

- None reported

WEATHER OF CONCERN

NORTHERN CALIFORNIA

- An active weather pattern will continue to set up over northern California this week.
- The bulk of precipitation will fall overnight will mostly be focused from the I-80 north.
- Urban and small stream flooding already occurring, the addition of another 1 to 4 inches of rain in the Sacramento Valley, and 2 to 6 inches in the foothills and mountains over the next 24 to 36 hours will further increase flooding potential.
 - Areal Flood Warnings have been issued.
 - Debris flows over burn scar areas have a very low chance of happening as rainfall thresholds are well below threshold limits.
- Heavy snow continues in the mountains of Western Plumas and Northern Sierra Nevada overnight with snow levels remaining around 5000 feet.
- Precipitation will turn showery Wednesday morning. The best shower probabilities tomorrow will be over the foothills and mountains as snow levels trend up to around 6000 feet.
- Showers will continue into Thursday, mainly over the eastern portions of the Central Valley, extending into Motherlode and Sierra.

SOUTHERN CALIFORNIA

- Nothing significant to report.

Weather Advisories, Watches, and Warnings currently active in California:

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca>

Active Weather Warnings, Watches and Advisories by County:

- <http://www.wrh.noaa.gov/hazardSummary/?state=ca&bycounty=1>

WEATHER KEY POINTS

02/26/19 - 03/04/19

Tuesday-Thursday

- Significant rain and snow is expected over the Coastal and Inland Regions.
 - The heaviest rain will fall tonight into early Wednesday. Rivers and streams will run high with water over roadways and pasture lands.
 - Snow levels will be over 5000 feet. The higher terrain across the Sierra could see another 20-40" of snow this week with significant impacts to travel.
 - Localized urban and small stream flooding is occurring. Widespread additional rainfall will be 1-4"; locally 4-6" in the foothills.
 - The threat of debris flows is very low with rainfall rates on the order of 0.30-0.40" per hours (way below threshold criteria to trigger debris flows).
 - That said, there will still be a lot of standing water over low lands and the potential for rock and mud slides along steep terrain.
 - Winds will be gusty with the potential for downed tree branches and power outages. Winds will also produce travel difficulties, including significant blowing snow in the mountains.

Friday

- Generally drier conditions expected, though some showers will linger, especially over the Sierra.

Saturday-Sunday

- Another storm system will move into the state through the weekend, bringing another round of valley rain and mountain snow to much of California. This currently looks to be a faster moving and less prolonged storm system.



CALIFORNIA WEATHER IMPACTS

02/26/19 - 03/04/19

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds	Inland	Inland					
Snow	Inland	Inland	Inland			Inland	Inland
Coastal Flooding	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland				
River Flooding	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland			
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)							
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow	Coastal/ Inland	Coastal/ Inland	Coastal/ Inland			Coastal/ Inland	Coastal/ Inland
Extreme Cold							



No Impacts



Minimal Impacts



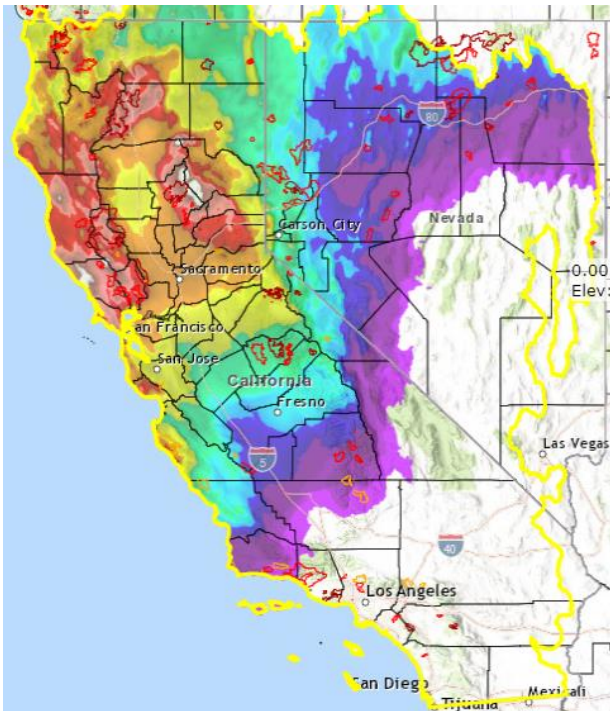
Moderate Impacts



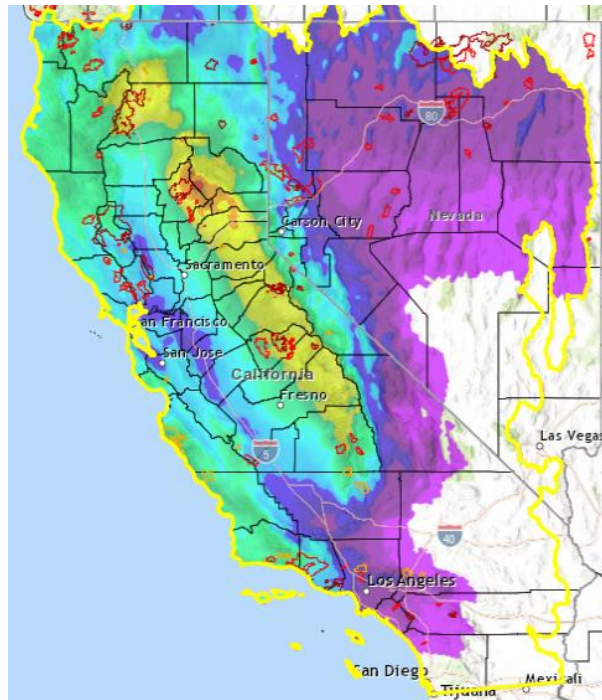
Severe Impacts

PRECIPITATION FORECAST

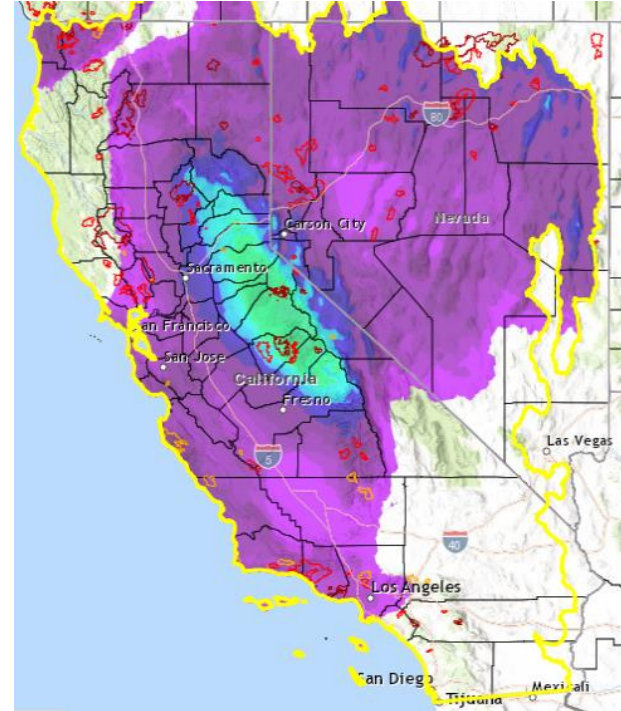
02/26 – 02/28



Tuesday



Wednesday



Thursday

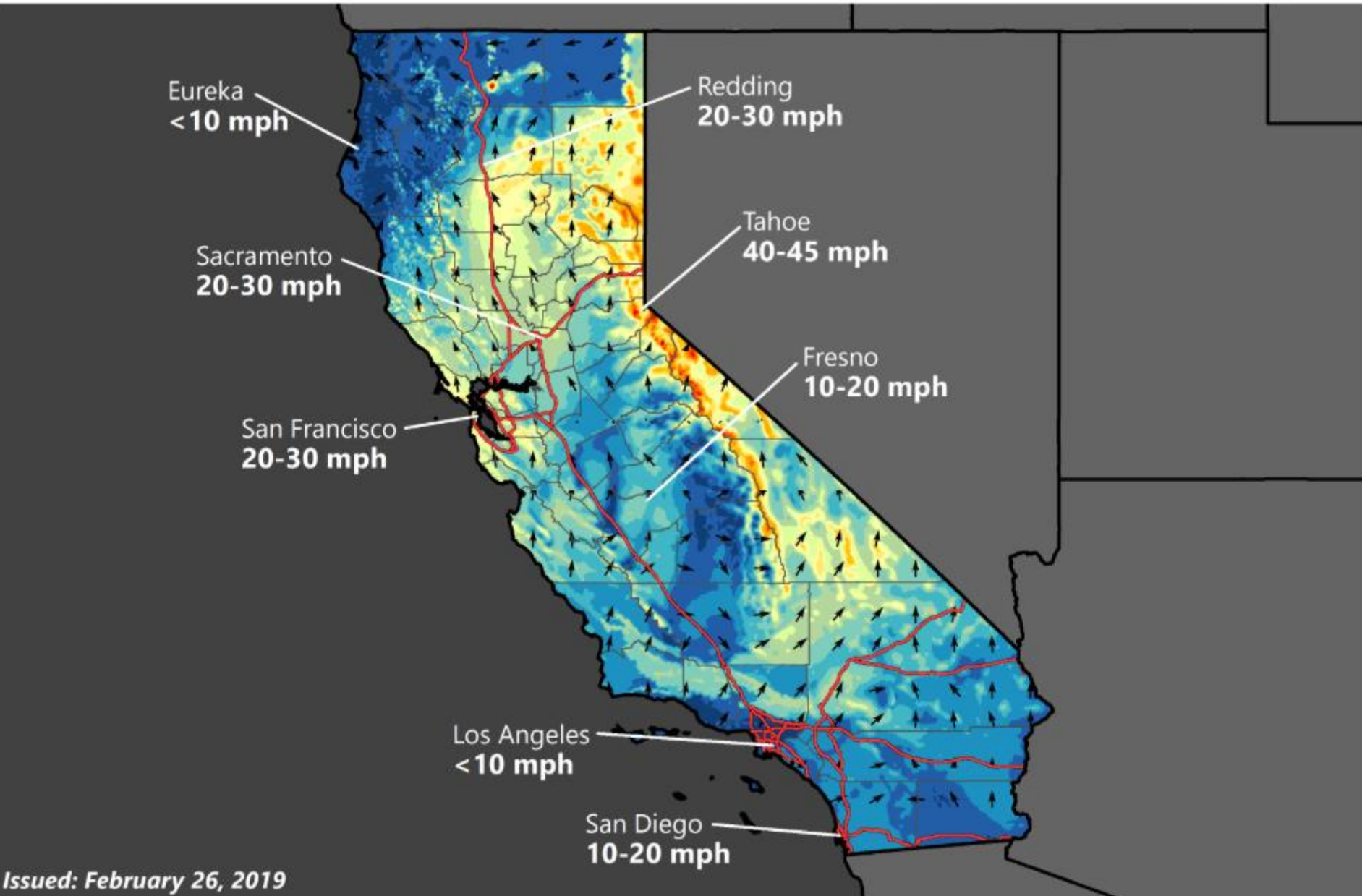
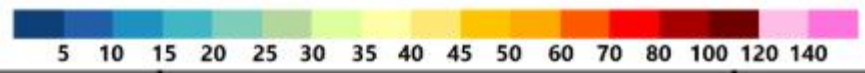
Precipitation (inches)





Wind Gust Forecast

3PM Tuesday

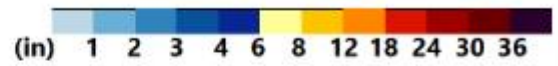


Issued: February 26, 2019



Snow Forecast

Through 4PM 02/28/19



Eureka
0"

Redding
0"

Sacramento
0"

Tahoe
24-36"

Fresno
0"

San Francisco
0"

Los Angeles
0"

San Diego
0"

Issued: February 26, 2019

WEATHER OUTLOOK

03/03/19 - 03/11/19

6-10 Day Outlook (Mar 3 – Mar 07)

Temperatures

- Moderate confidence in below normal temperatures statewide

Precipitation

- Moderate confidence in above normal precipitation statewide

8-14 Day Outlook (Mar 5 – Mar 11)

Temperatures

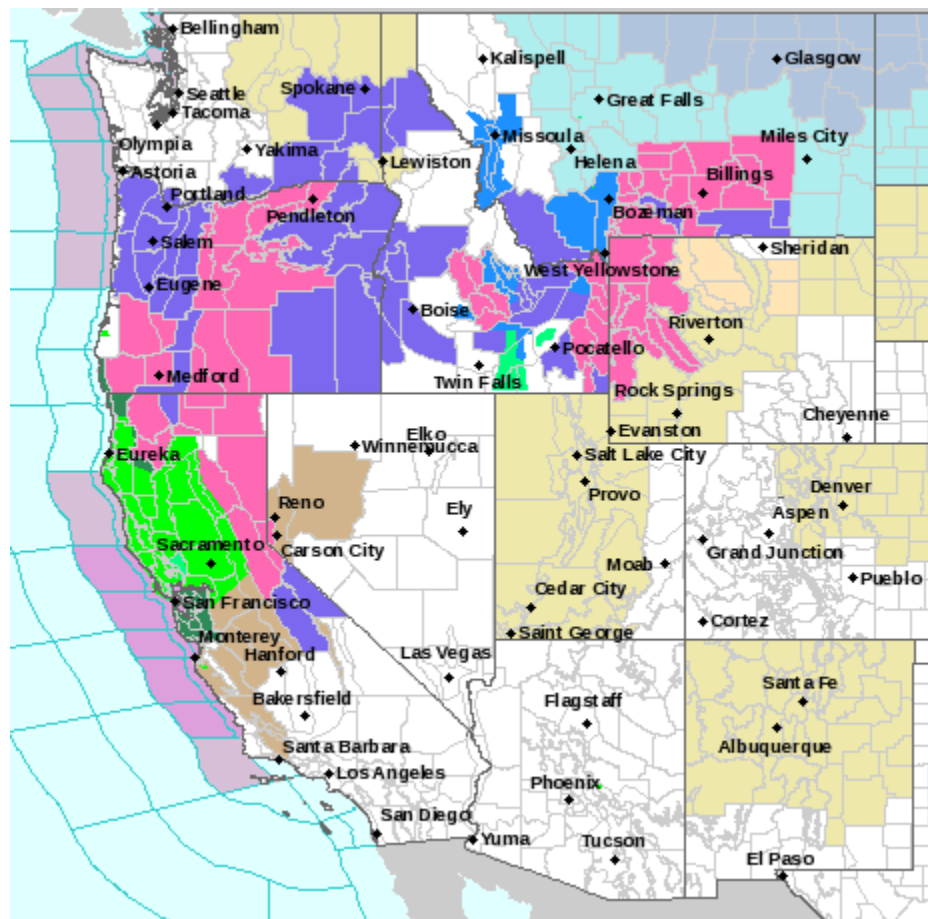
- Moderate confidence in below normal temperatures statewide

Precipitation

- Moderate confidence in above normal precipitation statewide



WEATHER MAP



- [Winter Storm Warning](#)
- [Avalanche Warning](#)
- [Flood Warning](#)
- [Flash Flood Watch](#)
- [Gale Warning](#)
- [Wind Chill Warning](#)
- [Winter Weather Advisory](#)
- [Wind Chill Advisory](#)
- [Flood Advisory](#)
- [Small Craft Advisory For Winds](#)
- [Small Craft Advisory](#)
- [Wind Advisory](#)
- [Flood Watch](#)
- [Special Weather Statement](#)
- [Hazardous Weather Outlook](#)



Cal OES
GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Cal OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions

- **2019-LAW-58097, 2/25/19, 1802 hrs:** Yuba County OES requested 20 ground searchers and an overhead team to assist in a search for a 66 year-old white male adult who walked away from his car last Saturday (2/23) and hadn't returned. Contacted Yuba to confirm mission request. They confirmed the request and requested to add a MIGU and two tracking K9s. Nevada County is providing a five-person overhead team and ten ground searchers. MIGU and two CARDA K9 teams were confirmed. **UPDATE, 02/26/19 0748 hrs:** AC Clegg on scene at Yuba ICP. Advised Yuba IC was requesting additional ground searchers than the 20 they had originally requested. AC Quigley and AC Broughton working on coordinating request.

Cal OES MISSION TASKING

Cal OES Missions

- **2019-SREOC-57753:** Requesting equipment to excavate material from under road culverts. (On Scene)
- **2019-SOUTHERN-57469:** Daily Operations - Mono County is requesting 2 CDCR hand crews from Owens Valley Conservation Camp #26 with 2 CAL FIRE Captains to assist with critical snow removal operations in Mammoth Lakes. (On Scene)
- **2019-SOUTHERN-57447:** Daily Operations - Mono County is requesting 2 CDCR hand crews from Owens Valley Conservation Camp #26 with 2 CAL FIRE Captains to assist with critical snow removal operations in Mammoth Lakes. (On Scene)
- **2019-SOC-57397:** Cal OES is requesting Caltrans assistance in developing a detailed traffic management plan for the debris operations in Butte County. (On scene)
- **2018-SOUTHERN-56869:** Daily Operations - Communication Support for the Baker to Vegas Challenge Cup Relay XXXIV
- **2018-IREOC-49869:** 2018 July Statewide Wildfires - Debris Management Task Force for Shasta County. (On Scene)
- **2018-CREOC-48046:** 2018-06-23-Lake-Wildland Fire - DTSC to clear debris from Pawnee Fire. (Coordinating)
- **2018-IREOC-45244:** Daily Operations - Caltrans to remove dead and dying trees along highways in Kern, Tulare, Fresno, Madera, Mariposa, Tuolumne, Calaveras, Butte, Plumas, Sierra, Shasta, and Lassen counties. (On Scene - Long-term assignment)
- **2017-INLAND-42559:** Daily Operations - Weather station installed to gather real time rainfall data by Air Resources Control Board (ARB). Mission extended through 05/30/19. (On Scene)



Cal OES

GOVERNOR'S OFFICE
OF EMERGENCY SERVICES

Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.